THE KENYA NATIONAL EXAMINATIONS COUNCIL

CRAFT CERTIFICATE IN MECHANICAL ENGINEERING (PRODUCTION OPTION)
CRAFT CERTIFICATE IN MOTOR VEHICLE ENGINEERING
CRAFT CERTIFICATE IN WELDING AND FABRICATION
CRAFT CERTIFICATE IN ELECTRICAL & ELECTRONICS ENGINEERING (POWER OPTION), (TELECOMMUNICATION OPTION)
CRAFT CERTIFICATE IN BUILDING TECHNOLOGY

MODULE I

INFORMATION COMMUNICATION TECHNOLOGY AND
ENTREPRENEURSHIP EDUCATION

3 hours

INSTRUCTIONS TO CANDIDATES

This paper consists of *TWO* sections; A and B.
Answer *SIX* questions from section A, and *FOUR* questions from section B in the
answer booklet provided.
Maximum marks to each part of a question are indicated.
All questions carry equal marks.
Candidates should answer the questions in English.

This paper consists of 4 printed pages.

Candidates should check the question paper to ascertain that all the
pages are printed as indicated and that no questions are missing.

SECTION A: ICT (60 marks)

Answer SIX questions from this section.

1. (a) Describe each of the following types of computers:

   (i) Supercomputer; → This are computers which are. dirived to give out data/
   information in a written formalt o

   (ii) Minicomputer; – This   PCs

   (iii) Microcomputer. – This are N a pro computer whose processer is combined togethor (6 marks)

   (b) Write each of the following abbreviations in full:

   (i) CD-ROM; – Compact disk – Read only memory.

   (ii) CR-RW; –

   (iii) CD-R; – Compact disk – reader.

   (iv) RAM. – Random Acress memory
   (2 marks)

   (c) State **two** benefits derived from using a bar code reader for data capture. (2 marks)

2. (a) Describe each of the following types of software:

   (i) editor; → It is a command given used in a document to repard data.

   (ii) compiler. –
   (4 marks)

   (b) Explain **three** activities that may be performed on a disk using on operating system. (6 marks)

3. (a) State **three** measures that may be taken to make a password difficult to hack.
   – we 7 alphanumeric featurs while Creacking a password.
   (3 marks)

   (b) State **three** ways of protecting a flash disk.
   – scand by use of antivirus computer
   – Not sharing the flash disk which other users
   – By protecting use of pass word for unauthonsed users
   (3 marks)

   (c) Outline the steps that should be followed when saving a document in word processing.
   Click the meny bar
   click save as to give a topic
   click save.
   (2 marks)

   (d) State **two** benefits of using tables in word processing. work sheet
   (2 marks)

4. (a) Explain each of the **three** drop cap options in word processing. (6 marks)

   (b) (i) Explain the term cell as used in spreadsheet.
   (2 marks)

   (ii) Explain the made of naming cells in a spreadsheet.
   (2 marks)

5.   (a)   Distinguish between worksheet and workbook as used in spreadsheet.   (4 marks)

     (b)   State the formula that should be used in a database to compute each of the following:

           (i)   Multiply a value stored in a field named 'quantity' with another value stored in a field named "unit price" in a form.

           (ii)   Compute the grand total of a field named "Amount" in a report.

           (iii) Obtain the mean value from a field named score in a report.
                                                                              (6 marks)

6.   (a)   Describe each of the following types of computer networks:

           (i)   Metropolitan area network;

           (ii)   Wide area network.
                                                                              (4 marks)

     (b)   Outline the steps that should be followed to view a document sent via electronic
           mail.   (6 marks)

7.   (a)   State **two** benefits of organizing text into frames in desktop publishing.   (2 marks)

     (b)   Explain each of the following terms as used in desktop publishing:

           (i)   scaling;

           (ii)   kerning.
                                                                              (4 marks)

     (c)   Distinguish between transition and animation as used in presentation programs.
                                                                              (4 marks)

SECTION B: ENTREPRENEURSHIP EDUCATION (40 marks)

*Answer **FOUR** questions from this section.*

8. (a) List **six** methods that the management of a business enterprise may use to promote its products. (3 marks)

(b) Mike is a college graduate who is intending to start his own business. Outline **four** characteristics that he should possess to succeed in this field. (4 marks)

(c) State **three** rules that should be followed when using the brainstorming method to generate a business idea. (3 marks)

9. (a) Outline **three** infrastructural facilities that an entrepreneur should consider when starting a business. (3 marks)

(b) List **four** elements of the executive summary of a business plan. (4 marks)

(c) State **three** advantages of being a salaried employee. (3 marks)

10. (a) Outline **four** advantages of using computers in a business enterprise. (4 marks)

(b) Explain **three** ways in which cultural factors may positively influence entrepreneurship. (6 marks)

11. (a) Explain **two** reasons that make it necessary to keep good financial records in an enterprise. (4 marks)

(b) Explain **three** circumstances under which the political environment of a country may suppress entrepreneurship development. (6 marks)

12. (a) Outline **four** challenges that an entrepreneur may face at the growth phase of a business. (4 marks)

(b) Explain **three** requirements of a good enterprise social responsibility policy. (6 marks)

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